

each at its tip a long, curved, serrate bristle. Pseudostigmatic organs fusiform and almost as long as the lamellae. Lamellar hairs straight, pectinate and a little longer than the lamellae; inter-lamellar hairs similar to the lamellar hairs but longer.

Abdomen slightly longer than broad, bearing about two dozen large, conspicuous, dentate, bristles. Pteromorphae about as long as the cephalothorax but lying close to the body and projecting about one-half their length in front of the anterior margin of the abdomen. Genital covers smaller than the anal covers and situated about one and one-half times their length in front of the latter.

Legs small; unguis tridaetyle.

Length, 0.75 mm.; breadth, 0.50 mm.

Under logs. Collected by myself at Eola Junction, Illinois. Several specimens.

Oribata serratoseta n. sp.

Figs. 12, 13.

Dark brown. Cephalothorax almost as broad as long; palpi prominent; lamellae narrow and about two-thirds as long as the cephalothorax; lamellar hairs straight, pectinate, and extending to the tip of the rostrum; interlamellar hairs about as long as the lamellar hairs; rostral hairs similar to the last, but curved. The pseudostigmatic organ has a small, recurved peduncle and a large, thick, subglobose head.

Abdomen two-thirds as broad as long, with many large, curved, serrate bristles. Pteromorphae short, triangular and two-thirds as broad as long, the anterior free margin being straight. Anal covers larger than the genital covers and situated one and one-half times their length behind the latter.

Legs large; tarsus and tibia of leg I subequal; tibia bearing a large bristle as long as the segment itself. Unguis tridaetyle.

Length, 0.40 mm.; breadth, 0.30 mm.

In moss. Collected by myself at Eola Junction, Illinois. Three specimens.

Phthiracarus magnus n. sp.

Figs. 7, 8.

Dark brown; surface of integument smooth.

Cephalothorax about one-half as long as the abdomen. A pair of short curved bristles occurs close to the posterior margin of the cephalothorax and a similar pair

of bristles is situated near the anterior end of the cephalothorax; pseudostigmatic organ narrow, lanceolate, and about two-thirds as long as tarsus I.

The abdomen is rounded posteriorly and bears dorsally about six bristles, and ventrally two pairs of prominent bristles lateral to the anterior and posterior margins of the anus respectively. Genital covers prominent, each bearing about six small hairs.

Legs of medium length; tarsus about twice as long as the adjacent tibia; tarsus and tibia of first two pairs of legs each bearing a long bristle, almost as long as the cephalothorax. Unguis tridactyle.

Length, 1.30 mm.; height, 0.80 mm.

Under old logs. Collected by myself at Pine, Ind. Seven specimens.

EXPLANATION OF PLATE.

- Fig. 1. *Oribata multipilosa*, $\times 100$.
Fig. 2. *Pelops americanus*, seta from the posterior dorsal part of cephalothorax, $\times 200$.
Fig. 3. *Pelops americanus*, posterior margin of abdomen, $\times 110$.
Fig. 4. *Pelops americanus*, lateral lamella, $\times 340$.
Fig. 5. *Oribata curva*, tibia and tarsus of leg I, $\times 200$.
Fig. 6. *Oribata curva*, pseudostigmatic organ, $\times 340$.
Fig. 7. *Phthiracarus magnus*, ventral margin of abdomen, $\times 45$.
Fig. 8. *Phthiracarus magnus*, pseudostigmatic organ, $\times 140$.
Fig. 9. *Oribata clavilanceolata*, pteromorpha, $\times 200$.
Fig. 10. *Oribata clavilanceolata*, leg II, $\times 108$.
Fig. 11. *Oribata clavilanceolata*, pseudostigmatic organ, $\times 216$.
Fig. 12. *Oribata serratoseta*, pteromorpha, $\times 260$.
Fig. 13. *Oribata serratoseta*, pseudostigmatic organ, $\times 340$.
Fig. 14. *Oribata claripectinata*, $\times 134$.

I would be glad to get material in the Noctuid genus *Homoptera* and its allies from all parts of the country for study in the preparation of a revision of this series. I will name and return specimens promptly, for the privilege of retaining such as may be needed in completing the work.

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